

Date: Thu, 7 Oct 93 04:30:06 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1187
To: Info-Hams

Info-Hams Digest Thu, 7 Oct 93 Volume 93 : Issue 1187

Today's Topics:

Alinco DJ-180? Comments?
ARLP039 Propagation de KT7H
ARRL Board Elections (2 msgs)
Flux Gate Sensor wanted
forwarded msg re: MOTOROLA
R-100 Comments Requested
Reciprocal licenses

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 5 Oct 1993 14:29:25 GMT
From: loral!h1b@network.ucsd.edu
Subject: Alinco DJ-180? Comments?
To: info-hams@ucsd.edu

I'd be interested in comments on the DJ-180 as a starter rig. I'm
interested in being able to monitor public service band (138-174Mhz)
as well as 2m. It looked like a good price in the HRO catalog.

Any feedback from users would be appreciated.

--

h1b@li.loral.com

Date: Wed, 6 Oct 1993 02:10:14 GMT
From: dog.ee.lbl.gov!agate!usenet.ins.cwru.edu!news.ecn.bgu.edu!
feenix.metronet.com!marcbg@network.ucsd.edu
Subject: ARLP039 Propagation de KT7H
To: info-hams@ucsd.edu

SB PROP @ ARL \$ARLP039
ARLP039 Propagation de KT7H

ZCZC AP01
QST de W1AW
Propagation Forecast Bulletin 39 ARLP039
>From Tad Cook, KT7H
Seattle, WA October 1, 1993
To all radio amateurs

SB PROP ARL ARLP039
ARLP039 Propagation de KT7H

Solar activity rose last week. The flux shot unexpectedly above 100, and on September 29 it was 116.4. It has not been this high in the past three months, since June 30. Solar flux was higher on five of the previous seven days than the average for the previous ninety days. It will probably drop again, reaching 85 after the middle of October.

Geomagnetic activity was quiet to unsettled last week, with the K index bouncing from one to four. As this bulletin is being written late Thursday night, minor storm levels are predicted for the next few days due to a coronal hole. October 10 could also bring another geomagnetic upset.

Right now is probably the peak of the fall season for the higher bands.

Sunspot Numbers from September 23 through 29 were 30, 30, 60, 74, 73, 72 and 79, with a mean of 59.7. 10.7 cm flux was 81.5, 85.9, 96, 106.3, 104.4, 111.3 and 116.4, with a mean of 100.3.

The projection for this week is from Slidell, Louisiana to ZD9, Tristan da Cunha, which is near 38 degrees south latitude and 11 degrees west longitude.

80 meters looks good from 2300 to 0700z, peaking from 0130 to 0530. 40 meters should be open from 2230 to 0800z, with the best period from 2330 to 0630. 30 meters should be open from 2130 to 0830z, and best from 2300 to 0700. 20 meters should be open from 2000 to 0100z

and from 0630 to 0830. On some days it may be open from 0100 to 0630. 17 meters looks best from 1800 to 2300z, and 15 meters from 1300 to 2100. 12 meters looks good from 1330 to 1800z, and on some days until 2100 or later. 10 meters looks good for most days from 1400 to 1730z, and on some days from 1300 to 2200.

NNNN

/EX

--

/ Marc Grant N5MEI / marchbg@metronet.com / Live from Texas. Home of
/ POB 850472 / marchbg@esy.com / da Barbecue, da Beer, and
/ Richardson, TX 75085 / 214-231-3998 (voice) / da Boys. Dat's dat.
/ / 214-231-0025 (fax) /

Date: 6 Oct 93 17:47:04 GMT

From: ogicse!uwm.edu!cs.utexas.edu!not-for-mail@network.ucsd.edu

Subject: ARRL Board Elections

To: info-hams@ucsd.edu

> I got a ballot in the mail for ARRL Board Elections. I have not seen any

<...>

>

> Any comments?

>

Yeah. You don't live in the Delta Division 'cause if you did you'd *know* who the 2 contenders were ...

Much as I hate too see piggys at the trough too long, I am voting for the incumbent here.

(Our club formally asked our SM about a student discount on League membership. The SM discussed it with the Division Dir. and CC'd it to me. Less than a year later, the youth discount is bumped from 17 to 21, taking in most of our members (not me - missed 21 by 9 years). Was it because of *our* request?)

73,

Peter Laws, N5UWY - V31WY

President,

Amateur Radio Club,

University of Arkansas / W5YM

Peter Laws <plaws@comp.uark.edu> | "That's the President of the United States

n5uwy@ka5bml.ar.usa.noam | you're talking about, pinhead."-VP Al Gore

Date: Wed, 6 Oct 1993 03:31:45 GMT
From: csus.edu!netcom.com!fmitch@decwrl.dec.com
Subject: ARRL Board Elections
To: info-hams@ucsd.edu

David Adams (dadams@cray.com) wrote:
: I got a ballot in the mail for ARRL Board Elections. I have not seen any
: debate on any of the issues. Who are the candidates? (I know the
: incumbents are.) I don't even know if there are any issues other
: than code/no-code, which isn't an issue as far as I am concerned.

: Any comments?

: ---
: --David C. Adams Statistician Cray Research Inc. dadams@cray.com
:
: Kilo Golf Zero India Oscar -(KG0IO)-

Well, at least one candidate is here on the net... I am Mitch, WA4OSR and
I am running for Vice Director, Southeastern Division... I am running
against the incumbent... I am open for questions... post them here on
the net...

Mitch, WA4OSR
Felton Mitchell

--
fmitch@netcom.com
Felton Mitchell, WA4OSR in Mobile, Alabama USA
co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: Wed, 6 Oct 1993 03:42:49 GMT
From: csus.edu!netcom.com!fmitch@decwrl.dec.com
Subject: Flux Gate Sensor wanted
To: info-hams@ucsd.edu

Stefan Waas (swaas@ucsd.edu) wrote:
: For an application in Remote Sensing I am looking for an earth magnetic
: field detector / flux gate sensor (as used in aircraft) to determine attitude
: and compass direction of a buoy. How accurate are those gauges and where are
: they available?

: I was told Precision Navigation, Inc. manufactures such devices,
: but I haven't been able to find the address. Does anybody know this company?

: Thanks for any hints!

hi stefan... i'm sure the aircraft sensors cost more than their weight in
gold, but there is a low cost sensor from Dinsmore Instrument Company,
1814 Remell Street, Flint, MI 48503, 313-744-1330, fax 313-744-1790,
i bought a couple of their sensors to use as antenna position indicators
but never got around to using them... specs for the one i bought are:

Vcc 5.00vdc
Current 18-19 mils
output voltage 0.34 to 0.40 volts above and below "crossing"
voltage, which is between 2.4 to 2.6 volts
output source current no more than 4 mils
outside flux density not limited and excess flux will not
harm the sensor
operating temp -40C to +85C
weight 2.25 grams
damped to operate to indicate a return from 90deg disp. in
approx 2.5 seconds but may be supplied without
damping on request

cost, as best i remember about 20-25 bux per sensor...

hope this helps you... Mitch, WA4OSR in Mobile, Alabama

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fmitch@netcom.com

Felton Mitchell, WA4OSR in Mobile, Alabama USA

co-sysop for W4IAX bbs running fbb ... sysop for WA4OSR DXCluster in Mobile..

Date: 7 Oct 93 10:08:29 GMT
From: news-mail-gateway@ucsd.edu
Subject: forwarded msg re: MOTOROLA
To: info-hams@ucsd.edu

Date sent: 7-OCT-1993 05:08:01
John asked that I repost this msg to the infohams. Please respond, if you wish
, to his packet address.

>From : N1NRA @ KD2AJ
>Msgid : PN 2460@KD2AJ \$2460_KD2AJ
>Subject : Posting for Internet <MOTOROLA>
>

> I find myself just a bit distressed by the amount of flack being thrown at
>the Motorola Corp in regard to the ad, page 161 of the Oct 93 issue of QST.
>I can see by some of the statements made by a few (but not all) individuals
>in regard to this matter, that the intention of posting it has escaped many.
> Try putting yourself in the shoes of the people at Motorola. Say that as
>a represenative of this company you witness the sale of specific technology
>which you hold patent rights and license restrictions to. Now wouldn't it
>irritate you just a bit if someone had taken your product and broken software
>and firmware security codes in order to provide themselves with the benefit
>of financial gain at your expense. I know that I would.
> Another aspect that I'm sure has eluded many is the liability that can be
>incured by this thoughtless action. I refere to that fact that most of the
>technology being addressed is that which makes Motorola's product a secure
>medium for public service communications.
> I have a difficult time thinking that some individuals would approve of
>allowing this type of action being allowed to continue without the
>intervention of the company which owns all rights to the technology.
> I might also suggest that the 800 number in this ad is there so that all
>can discuss the matter with Motorola. If you call, ask for Tony Beill the
>head of Motorola Product Security.

>

>

>

John Stephenson

>

AMO..N1NRA...

>

>----- End of message 2460 from N1NRA @ KD2AJ.#neny.ny

>-----

>

~~~~~  
Darrell G. Leavitt

SUNY Empire State College (ESC) ESC VAX: DLEAVITT

403 Sibley Hall Internet: DLEAVITT@SNYESCVA.ESC.EDU

Plattsburgh, New York, USA,12901 INTERNET: LEAVITDG@SPLAVA.CC.PLATTSBURGH.EDU

PHONE : (518) 564-2837 AX25/AMATEUR

BitNet : LEAVITDG@SNYPLAVA PACKET: N2IXL @ KD2AJ.#NENY.NY.USA.NA

Latitude: 44 41 58 N Longitude: 73 27 12 W  
~~~~~

Date: Fri, 1 Oct 1993 01:38:36 GMT

From: sdd.hp.com!col.hp.com!news.dtc.hp.com!hplextra!hpcc05!hpcc01!

trapps@network.ucsd.edu

Subject: R-100 Comments Requested

To: info-hams@ucsd.edu

I bought an R-100 about a year and a half ago and have been pretty happy

with it. I was debating between it and the comparable Kenwood, but chose the Icom because it had harder specs on the front end (I had heard the R-1 handheld was intermod prone). The rcvr seems pretty interference free (less than my HT certainly) and I can get pretty good SW reception off my discons (less sig probably helps there). My only wish was for an IF output or medium width IF filter for APT satellites at 137 MHz.

I don't use the smart modes much, but during the LA riot I found it very easy to scan all FM NAR stations, with a certain set removed... The computer part seems easy to work with. The audio is good.

Steve Trapp, N4DG
Steve@hpoemb.sj.hp.com

Date: 7 Oct 93 03:04:18 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!hobbes.physics.uiowa.edu!news.uiowa.edu!herky.cs.uiowa.edu!mau@network.ucsd.edu
Subject: Reciprocal licenses
To: info-hams@ucsd.edu

Hi
I am looking for information about reciprocal licenses.

- 1) Where do I apply to get one.
- 2) How long do they last.

Thanks
Napoleon
mau@herky.cs.uiowa.edu

Date: 6 Oct 1993 02:00:19 GMT
From: koriel!male.EBay.Sun.COM!jethro.Corp.Sun.COM!exodus.Eng.Sun.COM!appserv.Eng.Sun.COM!concertina!fiddler@ames.arpa
To: info-hams@ucsd.edu

References <wFTuac1w165w@nj8j.atl.ga.us>, <28rf9fINNih9@network.ucsd.edu>,
<112214@donald.WichitaKS.NCR.COM>ng.Sun.
Subject : Re: Motorola ad in QST?

In article <112214@donald.WichitaKS.NCR.COM> kthompso@donald.WichitaKS.NCR.COM
(ken thompson) writes:
>brian@nothing.ucsd.edu (Brian Kantor) writes:
>

>)I seem to recall hearing an interview in the early 80s that two out of
>)every three copies of WordStar hadn't been paid for. I rather expect
>)it's gotten worse since then.

>

>Not to be condoning pirating, but they wanted \$500- a copy for it.

>Expensive at 1/4 the price.

Or when Microsoft wouldn't sell their (paper tape) BASIC interpreter
unless you bought their \$1K 4Kb memory card...which more often than
not didn't work properly.

And then wondered why so many copies were pirated.

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"...Then anyone who leaves behind him a written manual, and likewise
anyone who receives it, in the belief that such writing will be clear
and certain, must be exceedingly simple-minded..." Plato, Phaedrus

-----ke6bhy-----

Date: 7 Oct 93 07:38:59 GMT

From: ogicse!uwm.edu!math.ohio-state.edu!howland.reston.ans.net!agate!

madole@network.ucsd.edu

To: info-hams@ucsd.edu

References <1993Sep20.173126.5168@cyphyn.radnet.com>,

<1993Sep23.175233.4464@craycos.com>, <1993Sep24.183320.17983@mnemosyne.cs.du.edu>

Subject : Re: White Noise Generator

In article <1993Sep24.183320.17983@mnemosyne.cs.du.edu> mjharris@nyx.cs.du.edu
(Mike Harris) writes:

>

>Not many of these methods really generate white noise. The preferred
>solution involves generating a pseudo random bit stream. In practice this
>is very easy to do by using serial feedback to the load input of a shift
>registers. It is possible to generate sequences that take days to repeat
>using this method.

>

[stuff deleted]

>

There is a reasonable looking schematic for this in the second edition
of Hal Chamberlin's "Musical Applications of Microprocessors", published
by Hayden Books.

Dave Madole
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End of Info-Hams Digest V93 #1187
